

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 7,904,268

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APPLICATION NO. : 10/575,983

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INVENTOR(S) : Glen Wheeler, David F. Normen, Mark James Bell, Matthew T. Crisfield

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:  
Column 9, Line 58 through Line 63, replace equation (26) with --

$$\begin{Bmatrix} MF CF_1 \\ \vdots \\ MF CF_N \end{Bmatrix} = \begin{bmatrix} \rho_{fluid_1} & K_1 \\ \vdots & \vdots \\ \rho_{fluid_N} & K_N \end{bmatrix} \begin{Bmatrix} C_f \\ C_K \end{Bmatrix} \quad (26)$$

$$\begin{Bmatrix} C_f \\ C_K \end{Bmatrix} = \begin{bmatrix} \rho_{fluid_1} & K_1 \\ \vdots & \vdots \\ \rho_{fluid_N} & K_N \end{bmatrix}^+ \begin{Bmatrix} MF CF_1 \\ \vdots \\ MF CF_N \end{Bmatrix}$$

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Column 11, Line 46 through Line 51, replace equation (28) with --

$$H_{normalized}(\omega_{test\_freq}, T_{ref}) = \frac{\left[ 1 = C_E(T - T_{ref}) \right] \dot{H}(\omega_{test\_freq}, T)}{\left[ 1 + C_{drive\_mag}(T - T_{ref}) \right] \left[ 1 + C_{pickoff\_mag}(T - T_{ref}) \right] (j\omega_{test\_freq})}$$

(28)

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MAILING ADDRESS OF SENDER (Please do not use customer number below):

The Ollila Law Group LLC  
2569 Park Lane, Suite 202  
Lafayette, Colorado 80026

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